

Machine Tool Trades Comparison

Trade	Hours	PRI	Work Processes	Active Apprentices	Employer Info
Machinist	8320	432	Standard	118	Statewide
Machinist (CNC)	8320	432	No variation from Machinist.	17	Areas 6-9-10-12
Machinist (Industrial)	8320	432	More hours in Milling, Turning and Cut off Machines	5	Appleton Area
Machinist (Tool Room)	8320	576	No variation from Machinist.	17	Waukesha and La Crosse Areas
CNC Machinist Hybrid	8320	512	Based on NIMS model. Will earn credentials.	4	Waukesha, Washington, Milwaukee areas
Machinist (Maintenance)	8320	576	2724 hours in Machine operations, remaining hours in Maintenance	6	Milwaukee and Waukesha – brewery and paper mills
Tool & Die Maker Hybrid	10400	512	Based on NIMS model. Will earn credentials	2	Waukesha, Washington, Milwaukee areas
Tool & Die Maker Time-based	10400	576	Standard	123	Statewide
Mold Maker (Die Cast) (Plastic)	10400	576	Variation in local optional work processes. Use of the words “mold making” versus “die making	21	Statewide
Tool Maker Hybrid	8320	512	Based on NIMS model. Will earn credentials.	0	Waukesha, Washington, Milwaukee areas
Tool Maker Time-based	8320	432	More work hours in precision measurement, grinding, materials and metallurgy, jigs and fixtures and bench work. Less hours in milling, turning, and optional work processes.	15	Statewide
Electrical Discharge Machinist	6240	576	Differs significantly from standards, focus on computer aided drafting and manufacturing; programming; and electrical discharge machining	1	One employer in Waukesha
Patternmaker Metal	10400	576	Tool and die curriculum, no apprentices trained since 2004.	0	No current employers
Patternmaker Wood	10400	576	Tool and die curriculum. Updated 2012 for foundry. Work processes the same as metal patternmaker with the addition of the word “wood”.	1	Waukesha and Racine area
Patternmaker All Around	10400	576	Tool and Die Curriculum. Combined work processes of metal and wood patternmaker.	1	Mainly used by foundry related industries